

## ABSTRACT OF THE DISCLOSURE

The present invention relates to a head positioning method ,  
its and a disk device for positioning the head to read a disk  
5 medium at a predetermined position, which demodulates accurate  
demodulation positions even when the head is moving. In a disk  
device comprising a disk medium (6), a head (4), an actuator  
(3) and a control circuit (19), the demodulation result is  
determined from the position signal of the head and speed is  
10 corrected by a correction value which depends on the moving speed  
of the head. Since the speed is corrected, accurate positions  
can be demodulated even when the head is moving.